

SILICONE COMPOSITION WHICH CAN BE CROSSLINKED BY MEANS
OF DEHYDROGENATIVE CONDENSATION IN THE PRESENCE OF A
METAL CATALYST

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Abstract

The invention relates to a silicone composition which can be crosslinked by dehydrogenative condensation between reactive $\equiv\text{SiH}$ and $\equiv\text{SiOH}$ units and which employs a catalytic iridium complex capable of being obtained by reacting together:

- on the one hand, an iridium complex of formula (I):



in which:

A/ n is 1 or 2 and:

if n is 1, Σ is a 3-electron radical ligand LX,
if n is 2, Σ is a 1-electron radical ligand X
which behaves like a 3-electron ligand LX with the
two iridium atoms,

B/ Σ' , which are identical or different, preferably
identical, each represent a 2-electron ligand L,

- on the other hand, a ligand Σ_d chosen from R_2S , R_2O ,
 NR_3 , carbenes and organophosphorus compounds.